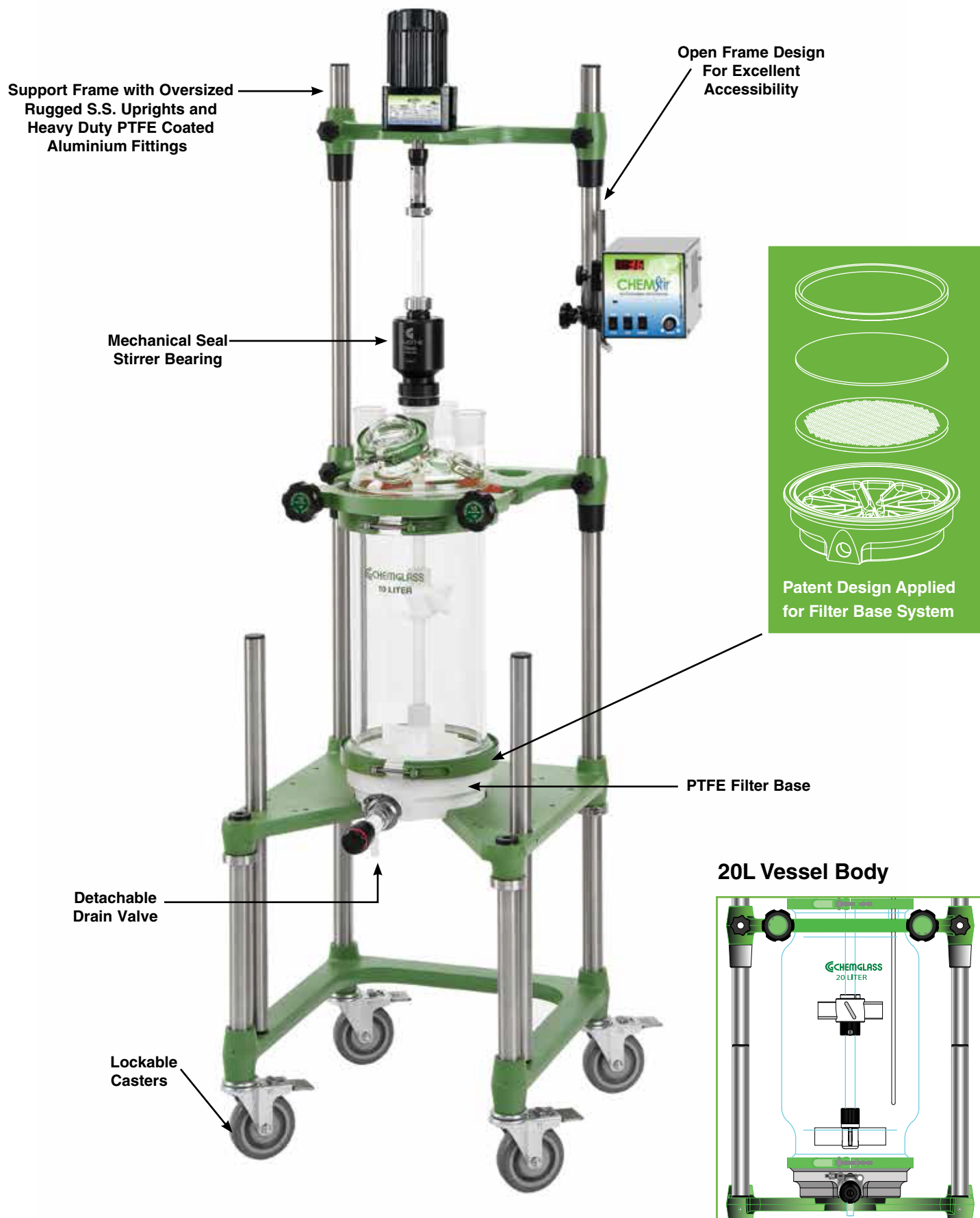


# REACTORS, FILTER, UNJACKETED



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## PROCESS FILTER REACTOR, CYLINDRICAL, UNJACKETED, ELECTRIC OR AIR MOTOR

Our unjacketed filter reactors can be used for single or multi-step reactions and filtrations in the same vessel, production and process scale peptide synthesis. Filter base eliminates material transfers and significantly reduces losses. Complete reactor system on our NEW open air, auto-center stand. Supplied with the components listed and numbered on the schematic drawing.

### 10L COMPLETE UNJACKETED FILTER REACTORS:

Part Number	Description	Motor Type	Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1959-F810	10L Process Filter Reactor, Complete	Electric	72	19.4
CG-1958-F811	10L Process Filter Reactor, Complete	Air	68.2	19.4

### 20L COMPLETE UNJACKETED FILTER REACTORS:

Part Number	Description	Motor Type	Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1959-F820	20L Process Filter Reactor, Complete	Electric	71.8	19.4
CG-1958-F821	20L Process Filter Reactor, Complete	Air	68	19.4

### Standard Components Supplied With Complete Jacketed Filter Reactors:

No.	Part No.	Description
1	CG-2097-16	19mm Stirrer Shaft, 32 3/4" OAL
2a	CG-2077-M-03	19mm PTFE Stir Bearing
2b	CG-2077-M-32	45/50 Lower Joint Adapter
3	CG-149-01	60mm Glass Cap
4	CG-141-T-11	60mm S.S. Clamp, PTFE Coated
5	CG-147-80	60mm Perfluoro O-Ring
6	CG-147-84	200mm Perfluoro O-Ring (2ea)
7	CG-1959-U10 CG-1959-U20	10L Unjacketed Reaction Vessel (CG-1959-F810/F811) 20L Unjacketed Reaction Vessel (CG-1959-F820/F821)
8	CG-1968-66	1" Beaded Pipe Coupling
9a	CG-2033-B-25	Electric Stir Motor, 1/4Hp, 500 RPM
9b	CG-2025-20	Air Motor, 3/8Hp
9c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
10a	CG-2044-30	19mm Tru-Stir® Shaft Coupling, (Electric)
10b	CG-2044-16	19mm Tru-Stir® Shaft Coupling, (Air)
11	CG-3499-02	10ft Coiled Extension Cord, "T"
12	CG-3498-01	Temperature Monitor, "T"
13	CG-2033-B-50	Stir Motor Controller (Electric Only)
14	CG-3498-03	1/2" OD Rod, 90° Bend
15	CG-9253-10	Universal Kwik Mount Klamp
16	CG-1042-E-10	Thermocouple Adapter, 45/50
17	CG-1946-50	5-Neck Lid, 200mm
18	CG-141-T-15	200mm S.S. Clamp, PTFE Coated (2ea)
19	CG-3498-122 CG-3498-106	1/4" Dia. X 22" Long Thermocouple, "T" (CG-1959-F810/F811) 1/4" Dia. X 26" Long Thermocouple, "T" (CG-1959-F820/F821)
20a	CG-2095-05	5" OD PTFE Agitator, 60° (1ea)
20b	CG-2096-F-08	5" OD PTFE Agitator, 90° (1ea)
21	CG-1959-F200	Filter Support Base, 200mm
22	CG-1965-X-150	Auto-Center Support Frame, 66" OAH
23	CG-1964-A-10	1" Beaded Pipe to 1/2" NPT M, Glass Filled PTFE
24	CG-1959-A-01	Drain Valve, 0-14, 1/2" Swagelock Sidearm
---	CG-1959-F203	200mm PTFE Filter, 30 Micron
---	CG-1963-B-10	Beam Torque Wrench
---	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

